

Business Model Canvas

Key Partners	Key Activities	Value Propositions	Customer Relationships	Customer Segments
<p>Primary Users:</p> <ul style="list-style-type: none"> Local and state police /law enforcement departments Border control and homeland security agencies Federal law enforcement units (e.g., FBI, DEA) <p>Secondary Users:</p> <ul style="list-style-type: none"> City governments managing smart city surveillance Private security firms for high-risk zones or VIP protection Drone racers looking for practice (hobbyists) 	<ul style="list-style-type: none"> To establish strong, long-term partnerships with our customers by prioritizing trust, confidentiality, and security essential when handling sensitive data for law enforcement agencies. Partner with a large, secure cloud storage company in order to ensure robust storage with high integrity. Establish reputable distribution channels within the law enforcement network such as government endorsed contracts. Establish a sustainable profit model which combines one-time and subscription based pay plans. 	<ul style="list-style-type: none"> Faster Response Time: Drones can be dispatched within seconds to pursue suspects, minimizing escape windows. Increased Officer Safety: Removes the need for dangerous physical chases or entry into high-risk zones. AI-Driven Identification: Uses computer vision to identify, classify, and track suspects in real time. Evidence Collection: Secure cloud-stored footage for court use or internal investigation. Compliance & Security: End-to-end encrypted communication ensures secure handling of sensitive law enforcement data. Cheaper Cost of Entry: Use of inexpensive computational units makes the product more accessible. 	<p>High-Touch Sales Model:</p> <ul style="list-style-type: none"> Dedicated account managers and security advisors <p>Training & Certification Programs:</p> <ul style="list-style-type: none"> Hands-on drone operation training/certification for officers and dispatchers Digital twin simulations for live tactical exercises <p>Technical Support & Uptime SLA:</p> <ul style="list-style-type: none"> Incident response support On-site maintenance and remote diagnostics Excellent documentation of both software and hardware. <p>Feedback Loops:</p> <ul style="list-style-type: none"> Continuous input from police field reports for AI model improvements 	<p>For whom are we creating value?</p> <ul style="list-style-type: none"> Law enforcement bodies Military Drone hobbyists Entertainment Logistics & Delivery <p>Who are our most important customers?</p> <ul style="list-style-type: none"> Law enforcement bodies <p>Is our customer base a Mass Market, Niche Market, Segmented, Diversified, Multi-sided Platform</p> <ul style="list-style-type: none"> Our current focus is a niche market—law enforcement and security agencies. However, the modular design enables future expansion into a diversified market, serving unrelated segments such as logistics, entertainment, hobbyist racing, and academic research.

Key Resources

Drone Hardware Fleet:

- Cheap, mass-producible drones which allow for wide, quick area surveillance.
- AI Camera Production
- Microcontroller, flight controller Production
- Drone parts: batteries, propellers, frames, etc.

AI/ML Software Stack:

- Raspberry Pi AI Camera – Real-time object detection
- OpenCV - The computer vision library that is extremely popular and well supported

Channels

- **Direct Sales & Contracts:**
 - Government procurement platforms
 - Homeland security vendor lists
- **Pilot Programs:**
 - Free trials with select police departments
 - Grant-supported pilot integrations (e.g., Department of Justice tech innovation funds)
- **Industry Conferences & Demos:**
 - Law enforcement expos, smart policing summits, defense tech showcases
- **Strategic Partnerships:**
 - Co-development with national defense integrators or drone companies
- **Commercial Markets:**
 - Retail sellers for hobbyist drone connoisseurs

		<p>Academic & Research Sponsorships:</p> <ul style="list-style-type: none"> Provide drones to universities for robotics, AI, and drone racing research. Collaborate with academic labs on new algorithms (e.g., autonomous racing, swarm coordination). Sponsor student drone racing teams and competitions to build brand presence. 	
Cost Structure	Revenue Streams		
<ol style="list-style-type: none"> Initial up-front cost for drone hardware <ol style="list-style-type: none"> Drone hardware has multiple different levels of agility and resilience, as well as accessory packages: Cameras, nets, etc. Drone maintenance and replacement parts are contracted through our company Subscription for utilizing cloud storage of evidence as well as live drone tracking 	<p>Hardware Sales:</p> <ul style="list-style-type: none"> Sale of autonomous drone kits per unit or fleet <p>Software-as-a-Service (SaaS):</p> <ul style="list-style-type: none"> Subscription to real-time analytics dashboard, object tracking, and heatmap overlays <p>Training and Onboarding:</p> <ul style="list-style-type: none"> One-time fees for officer certification and integration setup <p>Maintenance Contracts:</p> <ul style="list-style-type: none"> Annual service agreements for drone upkeep, battery replacement, and software updates <p>Licensing Model:</p> <ul style="list-style-type: none"> Licensing of proprietary threat recognition AI to third-party vendors 		

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